

#### §571.4

#### 49 CFR Ch. V (10–1–06 Edition)

includes consideration of all modes of adjustment, horizontal, vertical, and tilt, in a vehicle;

(b) Has X, Y, and Z coordinates, as defined in SAE J1100 (June 1984), established relative to the designed vehicle structure;

(c) Simulates the position of the pivot center of the human torso and thigh; and

(d) Is the reference point employed to position the two-dimensional drafting template with the 95th percentile leg described in SAE J826 (May 1987), or, if the drafting template with the 95th percentile leg cannot be positioned in the seating position, is located with the seat in its most rearward adjustment position.

*Semitrailer* means a trailer, except a pole trailer, so constructed that a substantial part of its weight rests upon or is carried by another motor vehicle.

*Service brake* means the primary mechanism designed to stop a motor vehicle.

*Speed attainable in 1 mile* means the speed attainable by accelerating at maximum rate from a standing start for 1 mile, on a level surface.

*Speed attainable in 2 miles* means the speed attainable by accelerating at maximum rate from a standing start for 2 miles, on a level surface.

*Torso line* means the line connecting the “H” point and the shoulder reference point as defined in SAE Recommended Practice J787g, “Motor Vehicle Seat Belt Anchorage,” September 1966.

*Trailer* means a motor vehicle with or without motive power, designed for carrying persons or property and for being drawn by another motor vehicle.

*Trailer converter dolly* means a trailer chassis equipped with one or more axles, a lower half of a fifth wheel and a drawbar.

*Truck* means a motor vehicle with motive power, except a trailer, designed primarily for the transportation of property or special purpose equipment.

*Truck tractor* means a truck designed primarily for drawing other motor vehicles and not so constructed as to carry a load other than a part of the weight of the vehicle and the load so drawn.

*Unloaded vehicle weight* means the weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants, or accessories that are ordinarily removed from the vehicle when they are not in use.

*95th percentile adult male* means a person possessing the dimensions and weight of the 95th percentile adult male specified in Public Health Service Publication No. 1000, Series 11, No. 8, “Weight, Height, and Selected Body Dimensions of Adults.”

*Vehicle fuel tank capacity* means the tank’s unusable capacity (i.e., the volume of fuel left at the bottom of the tank when the vehicle’s fuel pump can no longer draw fuel from the tank) plus its usable capacity (i.e., the volume of fuel that can be pumped into the tank through the filler pipe with the vehicle on a level surface and with the unusable capacity already in the tank). The term does not include the vapor volume of the tank (i.e., the space above the fuel tank filler neck) nor the volume of the fuel tank filler neck.

[33 FR 19703, Dec. 25, 1968. Redesignated at 35 FR 5118, Mar. 26, 1970]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §571.3, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

#### §571.4 Explanation of usage.

The word *any*, used in connection with a range of values or set of items in the requirements, conditions, and procedures of the standards or regulations in this chapter, means generally the totality of the items or values, any one of which may be selected by the Administration for testing, except where clearly specified otherwise.

*Examples:* “The vehicle shall meet the requirements of S4.1 when tested at any point between 18 and 22 inches above the ground.” This means that the vehicle must be capable of meeting the specified requirements at every point between 18 and 22 inches above the ground. The test in question for a given vehicle may call for a single test (a single impact, for example), but the vehicle must meet the requirement at whatever point the Administration selects, within the specified range.

“Each tire shall be capable of meeting the requirements of this standard when mounted

on any rim specified by the manufacturer as suitable for use with that tire." This means that, where the manufacturer specifies more than one rim as suitable for use with a tire, the tire must meet the requirements with whatever rim the Administration selects from the specified group.

"Any one of the items listed below may, at the option of the manufacturer, be substituted for the hardware specified in S4.1." Here the wording clearly indicates that the selection of items is at the manufacturer's option.

[36 FR 2511, Feb. 5, 1971]

**§571.5 Matter incorporated by reference.**

(a) *Incorporation.* There are hereby incorporated, by reference, into this part, all materials referred to in any standard in subpart B of this part that are not set forth in full in the standard. These materials are thereby made part of this regulation. The Director of the Federal Register has approved the materials incorporated by reference. For materials subject to change, only the specific version approved by the Director of the Federal Register and specified in the standard are incorporated. A notice of any change in these materials will be published in the FEDERAL REGISTER. As a convenience to the reader, the materials incorporated by reference are listed in the Finding Aid Table found at the end of this volume of the Code of Federal Regulations.

(b) *Availability.* The materials incorporated by reference, other than acts of Congress and matter published elsewhere in the FEDERAL REGISTER, are available as follows:

(1) *Standards of the Society of Automotive Engineers (SAE).* They are published by the Society of Automotive Engineers, Inc. Information and copies may be obtained by writing to: Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, Pennsylvania 15096.

(2) *Standards of the American Society for Testing and Materials (ASTM).* They are published by the American Society for Testing and Materials. Information and copies may be obtained by writing to: ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959.

(3) *Standards of the American National Standards Institute (ANSI).* They are

published by the American National Standards Institute. Information and copies may be obtained by writing to: RESNA, 1700 North Moore St., Suite 1540, Arlington, VA 22209-1903.

(4) *Data on the Weight Height and Selected Body Dimensions of Adults.* They are published by the National Center for Health Statistics, Centers for Disease Control (CDC). Information and copies may be obtained on the CDC web site at <http://www.cdc.gov/nchs> or by writing to National Division for Health Statistics, Division of Data Services, Hyattsville, MD 20782-2003.

(5) *Test Methods of the American Association of Textile Chemists and Colorists (AATCC).* They are published by the American Association of Textile Chemists and Colorists. Information and copies may be obtained by writing to: AATCC, 1 Davis Dr., P.O. Box 12215, Research Triangle Park, NC 27709.

(6) *Test methods of the Illuminating Engineering Society of North America (IES).* They are published by the Illuminating Engineering Society of North America. Information and copies may be obtained by writing to: IES, 120 Wall St., 7th Floor, New York, NY 10005.

(7) *Standards of Suppliers of Advanced Composite Materials Association (SACMA).* They are published by Suppliers of Advanced Composite Materials Association. Information and copies may be obtained by writing to: Suppliers of Advanced Composite Materials Association, 1600 Wilson Blvd., Suite 1008, Arlington, VA 22209.

(8) *Standards of the American Society of Mechanical Engineers (ASME).* They are published by the American Society of Mechanical Engineers. Information and copies may be obtained by writing to: ASME, 22 Law Drive, P.O. Box 2900, Fairfield, NJ 07007-2900.

(9) *Regulations of the United Nations Economic Commission for Europe (ECE).* They are published by the United Nations. Information and copies may be obtained by writing to: United Nations, Conference Services Division, Distribution and Sales Section, Office C.115-1, Palais des Nations, CH-1211, Geneva 10, Switzerland. Copies of Regulations also are available on the ECE internet web site: [www.unece.org/trans/main/wp29/wp29regs.html](http://www.unece.org/trans/main/wp29/wp29regs.html).